| Form DTO 4440 | | | | | Sheet 1 of 2 | | | | | | |
|--|-----------------|---|--------------|---|---------------------|---|--------------------|---------------------|-------------|------------------------------------|--|
| Form PTO 1449 U.S. Department of Commerce Rev. 7-80 Patent and Trademark Office LIST OF PRIOR ART CITED BY APPLICANT | | | | | | Atty. Docket No. PO-7938/MD-99-48 Applicant Atty. Docket No. PO-7938/MD-99-48 Serial No. 10 663, 816 To Be Assigned | | | | | |
| Lio | | 'RIOR ART CITED BY Several Sheets If Nec | er et al | | | | | | | | |
| | | | • | | | Filing Date | | Group 1700 | | | |
| | | | U | I.S. PAT | TENT | DOCUMENTS | P-D2 | 1 100 | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | | | | NAME | CLASS | SUBCLASS | IF AF | FILING DATE IF APPRO- PRIATE | |
| RA | AA | 5,126,170 | | 06/30/92 | Z | viener et al | 427 | 385.5 | | | |
| RA | AB | 5,214,086 | | 5/25/93 | 25/93 Mormile et al | | 524 | 524 237 | | | |
| LRS_ | AC | 5,236,741 | | 8/17/93 | 17/93 Zwiener et al | | 427 | 385.5 | | | |
| <u>LI</u> | AD | 5,243,012 | 0 | 9/07/93 | /93 Wicks et al | | 528 | 58 | | | |
| RA | AE | 5,364,955 | | 1/15/94 | 5/94 Zwiener et al | | 556 | 556 418 | | | |
| | AF | 5,412,056 | 0 | 5/02/95 | Zv | viener et al | 528 | 528 73 | | | |
| RA | AG | 5,489,704 | 0 | 2/06/96 | Sc | uiller et al | 560 | 35 | | | |
| <u> FA</u> | АН | 5,559,204 | 0 | 09/24/96 Squ | | uiller et al | 528 | 84 | | | |
| RA | AI | 5,623,045 | | 04/22/97 Zwi | | viener et al | 528 | 68 | | | |
| L. | AJ | AJ 5,736,604 | | 4/07/98 Luth | | thra | 524 | 591 | | | |
| RS | RA AK 5,821,326 | | | 10/13/98 Kurek et al DREIGN PATENT DOCUMENTS | | 528 | 332 | | | | |
| | | | FUR | EIGN | AIE | VI DOCUMENT | <u>s</u> | | | | |
| 1 1) | DOC | DOCUMENT NUMBER DA | | COUNTRY | | CLASS | SUBCLASS | TRANSL | | | |
| RA AL | | | <u> </u> | | | 1 | | | Yes | No* | |
| AL AL | 667 36 | 52 | 08/16/95 | Eur | оре | * | | | | | |
| AM | | | | | | 1 | | | | <u> </u> | |
| AN | | | | | | <u> </u> | | | | <u> </u> | |
| AO | | | | | | | | | | | |
| AP | | | | | | | | | _ | | |
| | | OTHER PRIOR | R ART (In | cluding | Auth | or, Title, Date, P | ertinent Pages, | Etc.) | | | |
| AR | | | | | | | | | | | |
| | | | | | | | | | | | |
| . AS | -+ | | | | | | | | | | |
| AT | - | | | | | | | | | | |
| EXAMINER 2 | <u>/</u> | 1 Luck | | | | DATE CONSIDER | 6/31/0 | 2 | | | |
| EXAMINER Initia | if refer | rences considered, who | ether or not | citation is | s in col | nformance with MPE | P 609: Draw line t | hrough if not in co | onformance | and e | |

Neither English Language Equivalent nor an English Language Translation is available.

| | | | | | | | | | Sheet | 2 of 2 | |
|----------------------------|--------------------|---|----------------------|------------------------------------|------------------------|---------------------------------------|----------------|---------|---|------------------------------------|--------------|
| Corm PTO 1449 Rev. 7-80 | | U.S. Department of Co Patent and Trademark | | Atty. Docket No. Serial No. 10/6 6 | | | | | 26 | | |
| | OF P | RIOR ART CITED BY | ANT | | Applicant | | | | | | |
| 1 | (Use S | Several Sheets If Nece | essary) | | | Richard R. Roesler Filing Date | et al | | Sroup | | |
| L | | | | | | Herewith 9-16-03 | | | Group 700 | | |
| EXAMINER | | | | <u>U.S. I</u> | PATE | NT DOCUMENTS | | | , - · · · · · · · · · · · · · · · · · · | T EU ING | DATE |
| INITIAL | | DOCUMENT NUMBER | | DA | TE | NAME | CLAS | s | SUBCLASS | FILING DATE IF APPRO- PRIATE | |
| RA | AA 5,847,195 | | | 12/08 | /98 | Roesler | 560 | | 35 | | |
| RA | AB 6,183,870 B1 | | | 02/06/01 | | Hergenrother et al | 428 | | 423.1 | - | |
| RD. | AC | 6,355,829 B2 | | 03/12/02 | | Roesler et al | 560 | | 25 | | |
| RA | AD | 6,458,293 B1 | | 10/01/02 | | Roesler et al | 525 | | 182.23 | | |
| RS | AE | 6,482,333 B1 | | 11/19/02 | | Roesler et al | 252 | | 182.12 | | |
| | AF | | | | | | | | | | <u> </u> |
| | AG | | | | | | | | | | |
| | АН | | | | | | | | | <u> </u> | |
| | AI | | | | | | | | <u> </u> | | |
| | AJ | | | | | | | | | İ | |
| | AK | | | | | | | | | | |
| | | | FC | REIG | N PA | TENT DOCUMENTS | S | | | | |
| 1 | DOCUMENT NUMBER DA | | | PATE | | COUNTRY | CLAS | ss | SUBCLASS | TRANSL | ATION |
| | | | | | | | · · | | | Yes No* | |
| AL | | | | | | | | | | | ļ |
| AM | | | | | | · · · · · · · · · · · · · · · · · · · | | _ | | | |
| AN | | | | | ļ. <u>.</u> | | | | | | |
| AO | | | | | | | | | | | |
| AP | | | | | | | | | | | |
| | | OTHER PRIOR | CARI | (Includ | aing A | uthor, Title, Date, Po | ertinent Pa | ges, | Etc.) | | |
| AR | | | | <u> </u> | | | | | | | |
| ļ — | | | | | | | | | | | |
| AS | | | | | | | · | | | | |
| AT | | | | | | | | | | | |
| EXAMINER | | | | | | DATE CONSIDER | FD. | 7 | | | |
| 1 | <i>-باپ</i> | Lugert | - | | 11 | | 6/21 | 10 | 5 | | |
| not considered. | in in rere | copy of this form with | einer or next cor | not cita nmunici | nion is ii ation to | n conformance with MPE applicant. | :r 609: Draw | iine th | irough it not in c | ontormance | e and |
| • | Nei | ther English Language | Equival | ent nor | an Engl | ish Language Translation | n is available | | | | |

| | 7-80 LIS | OF PI | U.S. Department of C Patent and Trademan RIOR ART CITED BY Several Sheets If Nec | COffice | iT | Filing Date | PO-7938/MD-99-48 10/663,826 Applicant Richard R. Roesler et al | | | | | |
|------------------------|----------------------------|--------------|---|---------------|-------------|---------------------------------------|--|--------------------|--|-------------|--|--|
| ST. | | d | | U | S. PATI | ENT DOCUMENTS | | 1///- 1 10 D | <u>' </u> | | | |
| PIAK BOX | BYAMINEUR | | DOCUMENT NUMBER | | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPRO- PRIATE | | | |
| | | AA | | | | | | | | | | |
| | | AB | | · | · | | | | | | | |
| | | AC | <u> </u> | · | · | | | | | | | |
| | • | AD | | | | | | _ | | | | |
| | - | AE | | | | | | | | | | |
| | | AF | | | | - | | | | | | |
| | - | AG | | | | | | | | | | |
| | : | AH | | | | | | - | | | | |
| | | AI | | | _ | | | <u> </u> | | | | |
| | | AJ AK | <u>.</u> | | | | | + - | | | | |
| | | 1 400 | | FOR | EIGN PA | ATENT DOCUMENTS | | | | | | |
| | | DOC | CUMENT NUMBER | DATE | | COUNTRY | CLASS | SUBCLASS | TRANSL Yes | ATION No* | | |
| RA | AL | 94/193 | 335 | 09/01/94 | Worl | d Patent | | | 103 | 110 | | |
| | AM | | | | | | | | · · · · · · · · · · · · · · · · · · · | | | |
| | AN | | | | | | | | | | | |
| $\vdash \vdash \vdash$ | OA | | | | | | ļ · | - | | ļ | | |
| | AP | | OTHER PRIOR | APT (In | chiding / | Author, Title, Date, Perti | Doggo | C ial | | <u> </u> | | |
| | | | OTTIEN PRIOR | MITTER | Clouing A | Author, Title, Date, Fertil | nent Pages, | Etc.) | | | | |
| | AR | | | | | | | | - ; | <u> </u> | | |
| | AS | | | - | | | | | | | | |
| | AT | | | | | · · · · · · · · · · · · · · · · · · · | | | | | | |
| EXAM | IINER / | bru | lan. A | <u> </u> | | DATE CONSIDERED | /21/05 | | | - | | |
| EXAM not co | IINER Initia Insidered. | l if refere | ences considered, who | ether or not | citation is | n conformance with MPED co | 9: Draw line th | rough if not in co | nformance | and | | |

Neither English Language Equivalent nor an English Language Translation is available.